

1/12

FIG. 1A

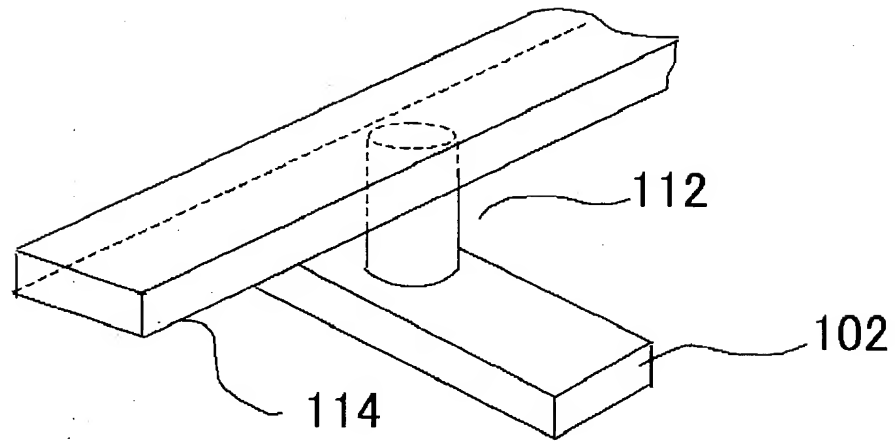
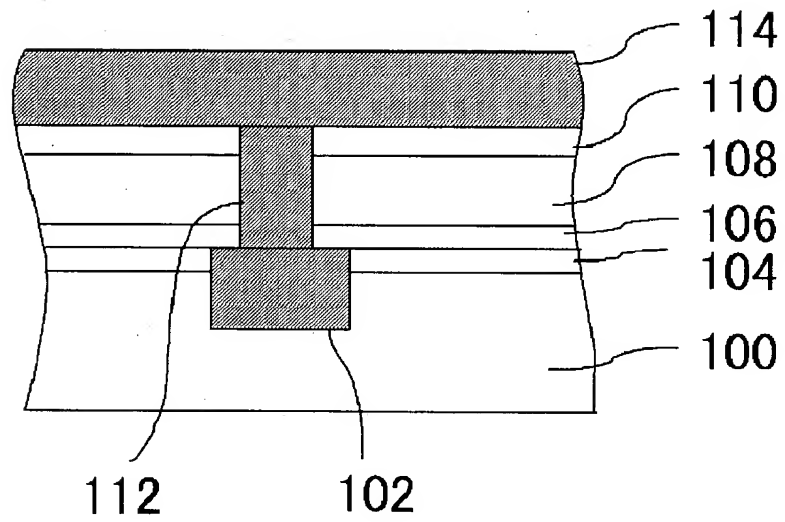


FIG. 1B



2/12

FIG. 2A

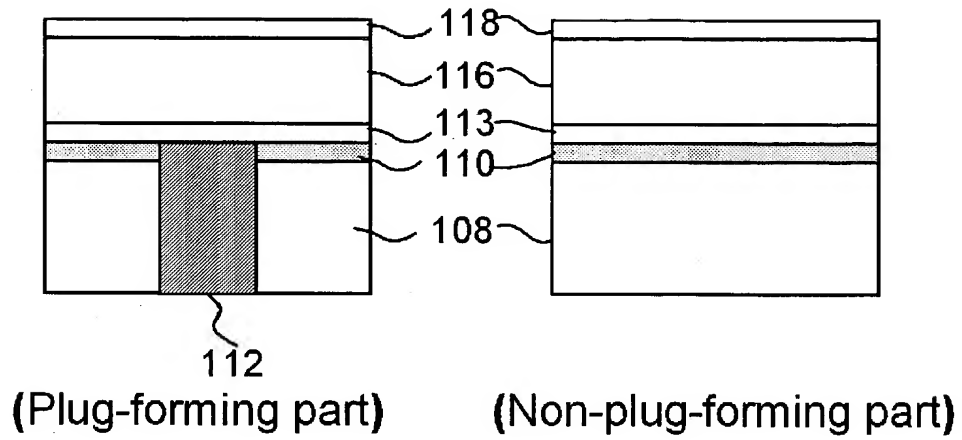


FIG. 2B

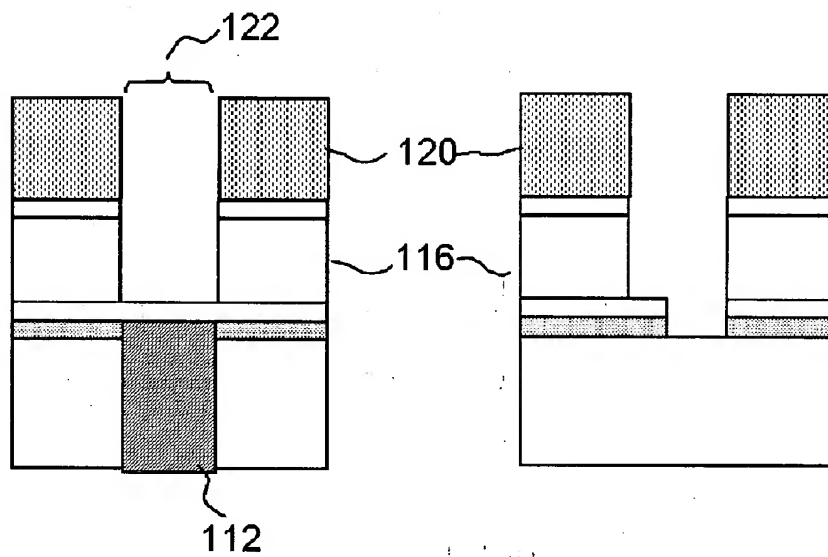


FIG. 2C

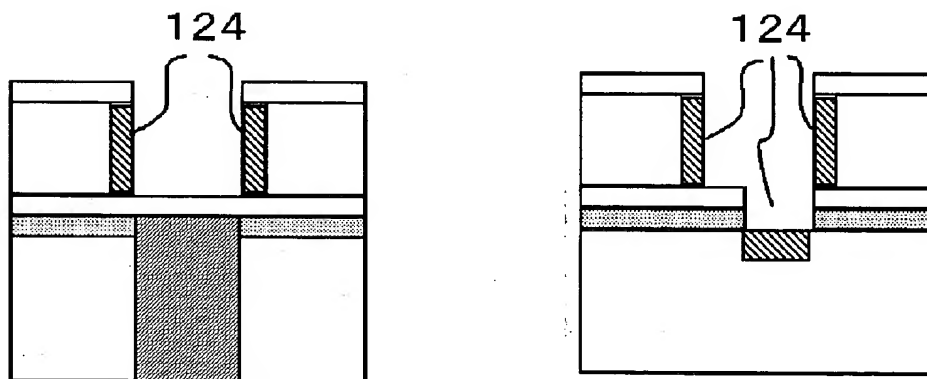


FIG. 3A

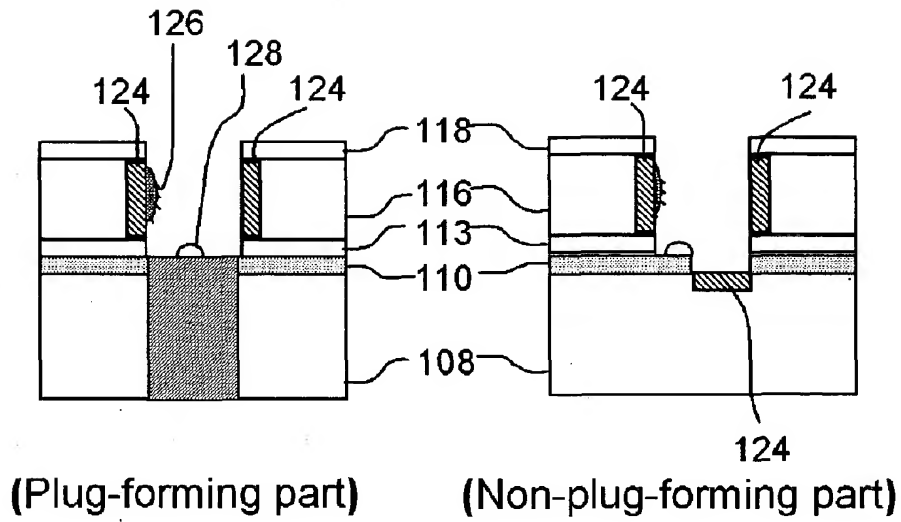


FIG. 3B

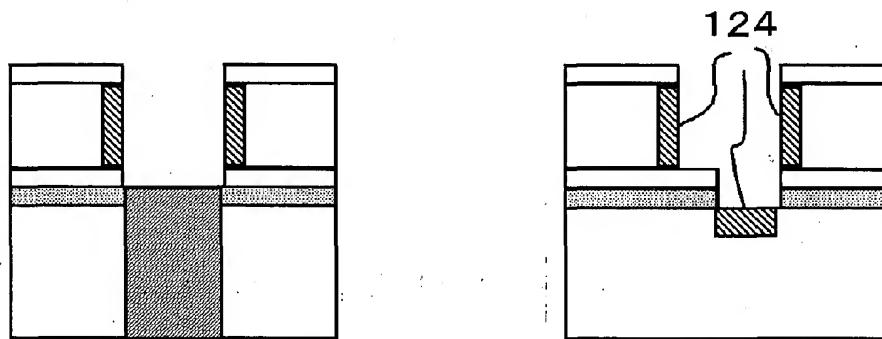
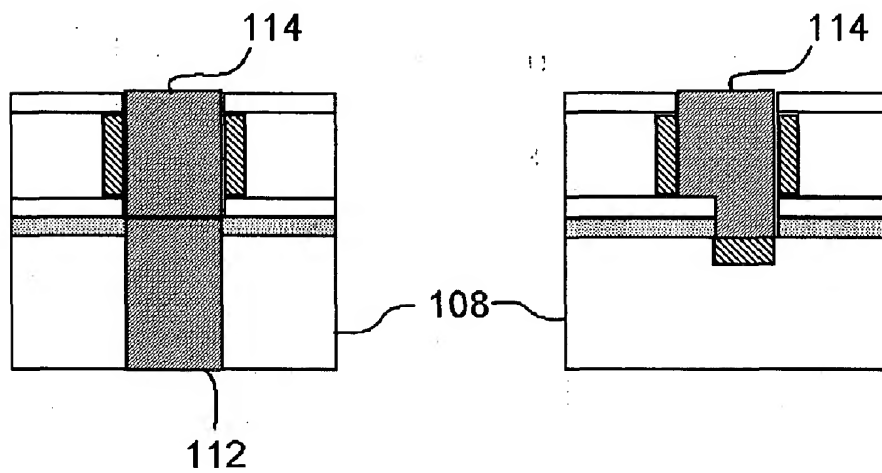


FIG. 3C



4/12
FIG. 4A

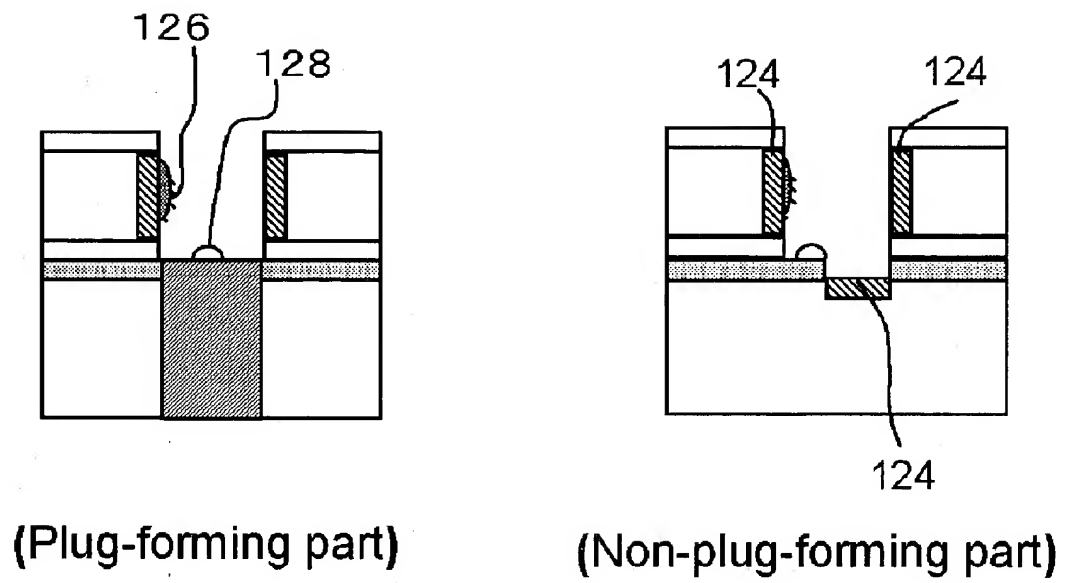
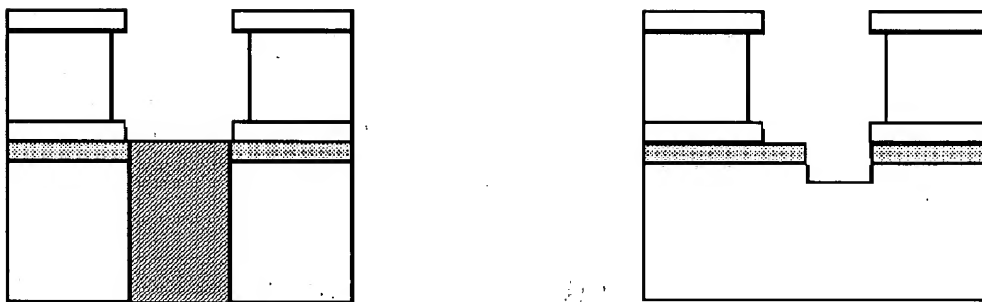
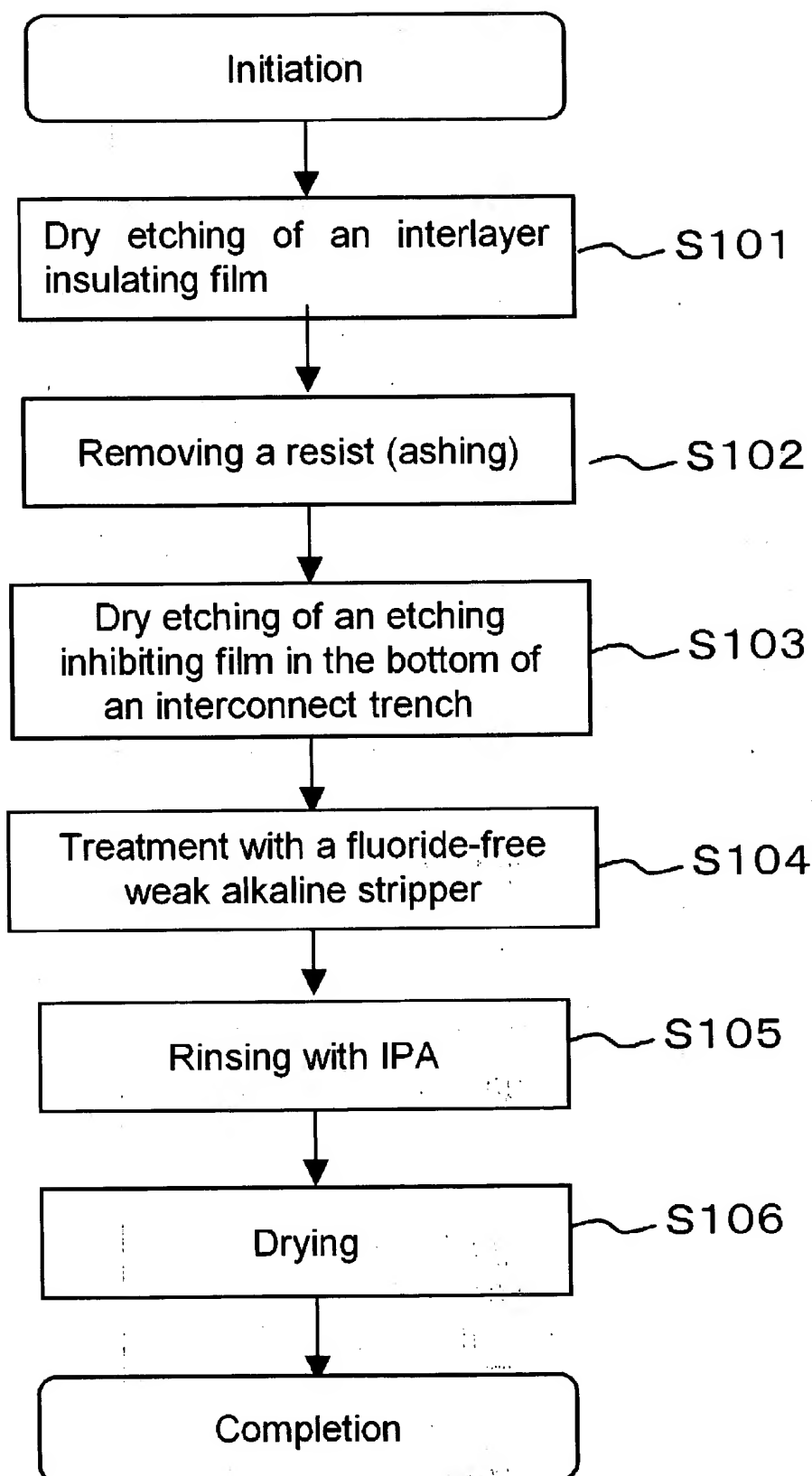


FIG. 4B



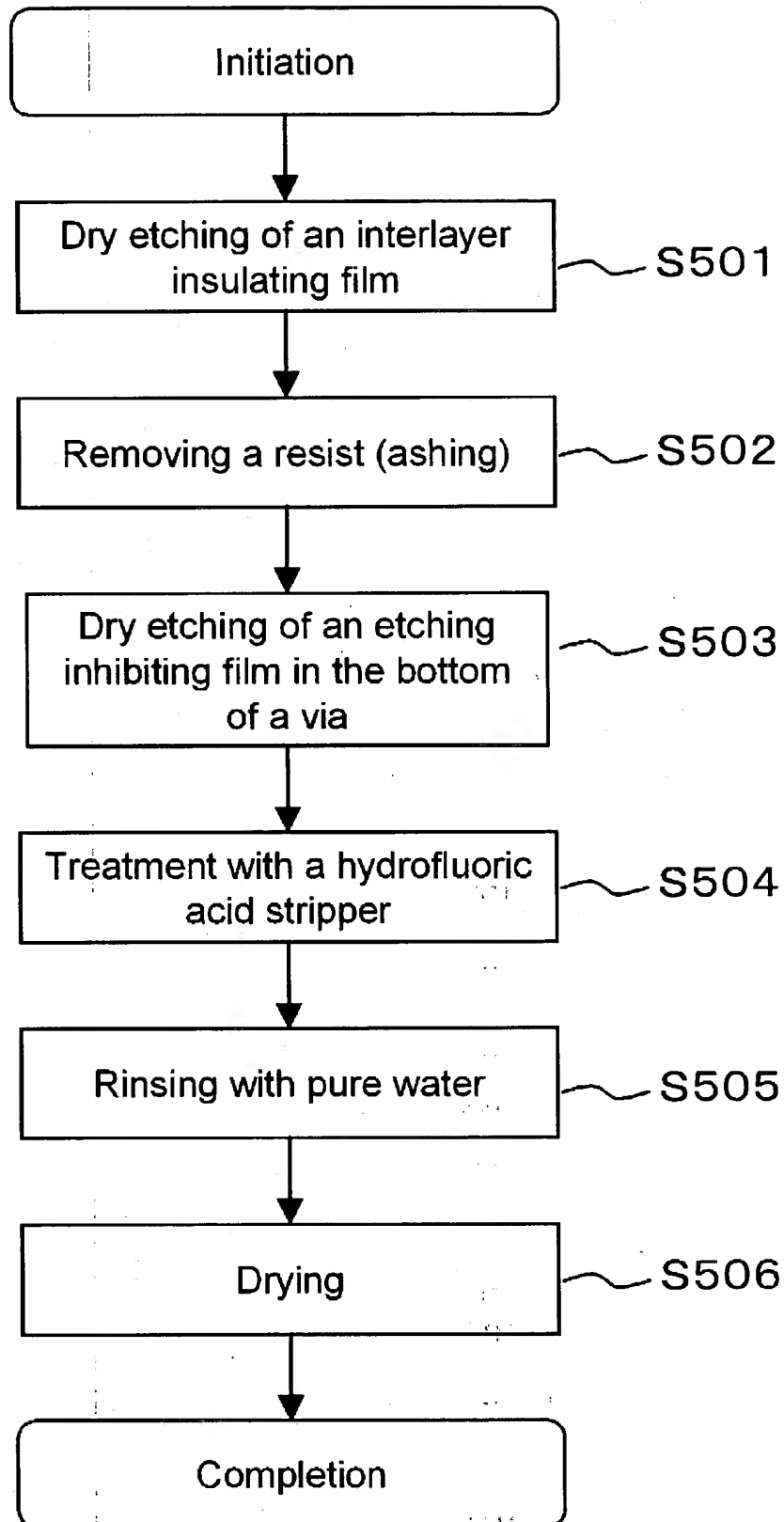
5/12

FIG. 5



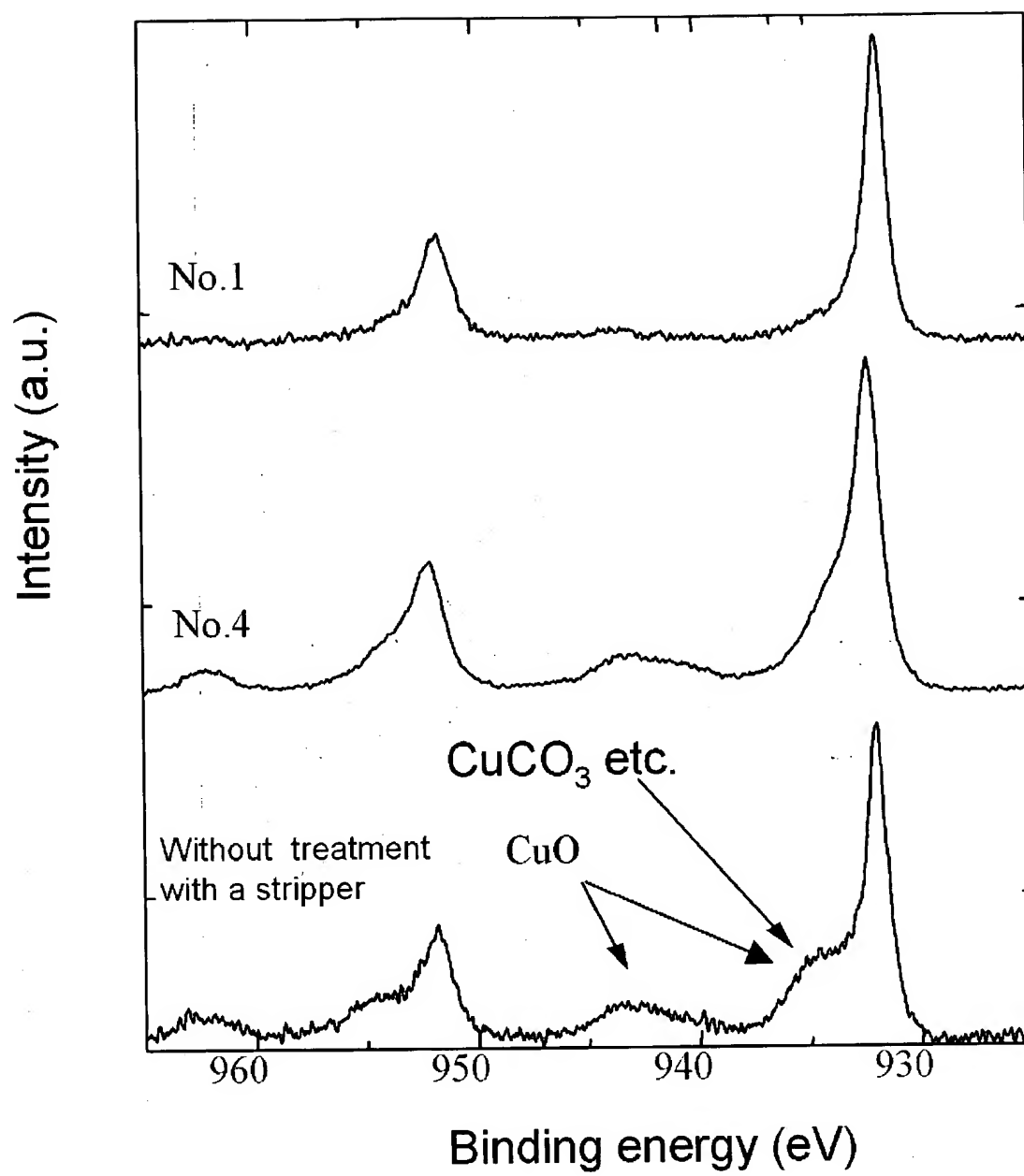
6/12

FIG. 6



7/12

FIG. 7



8/12

FIG 8.

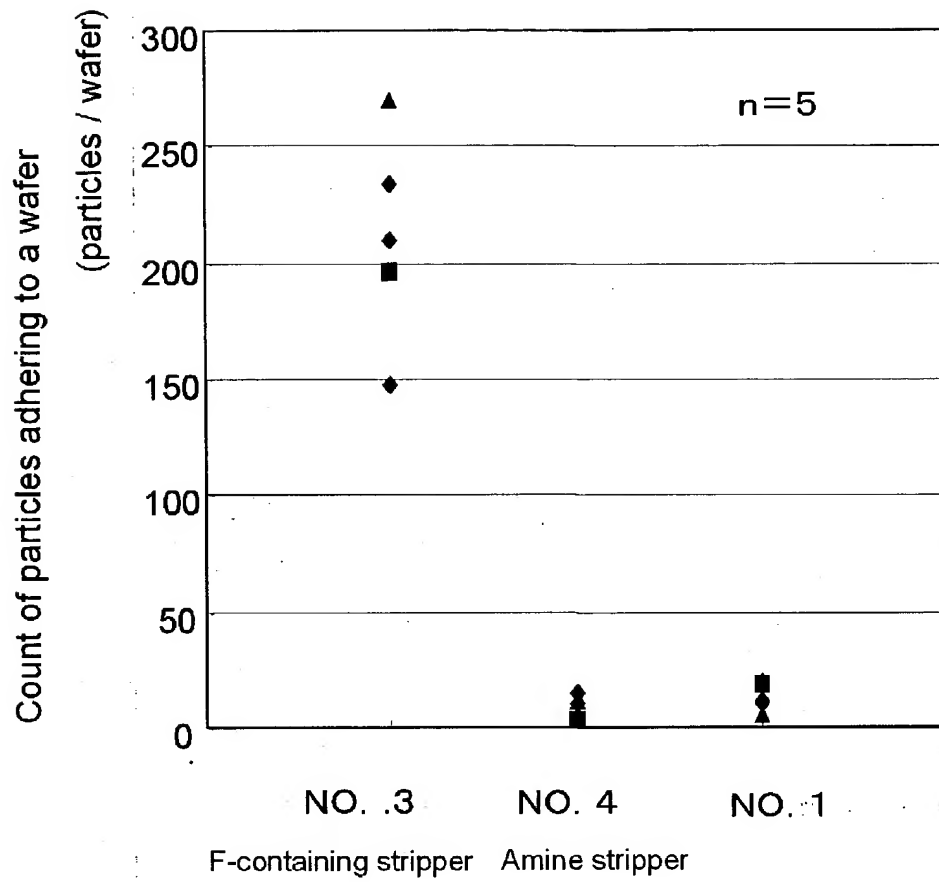
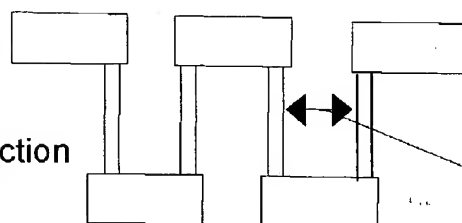


FIG. 9

Upper surface

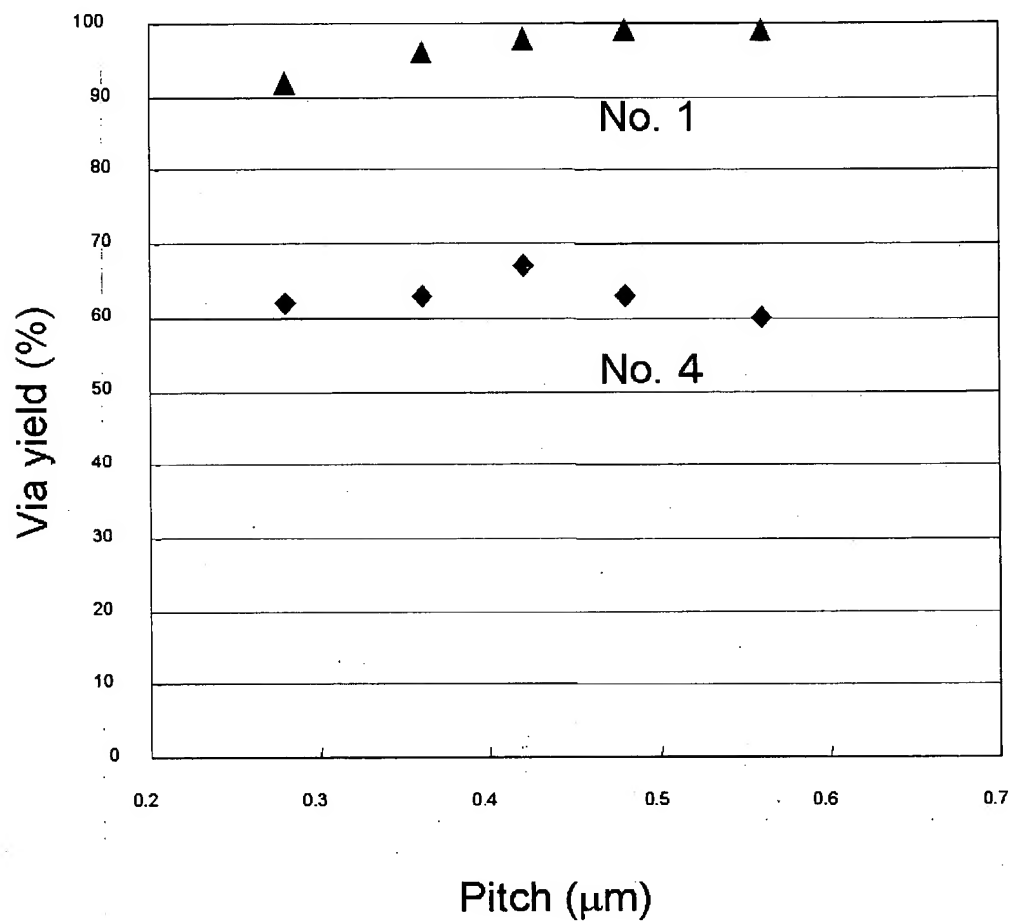


Cross section



Pitch (μm)

9/12
FIG. 10



10/12

FIG. 11A

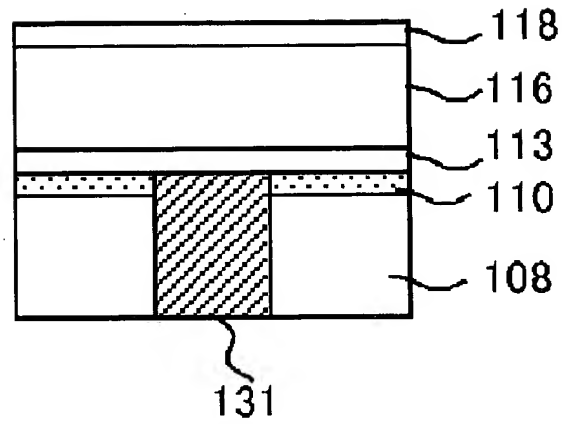


FIG. 11B

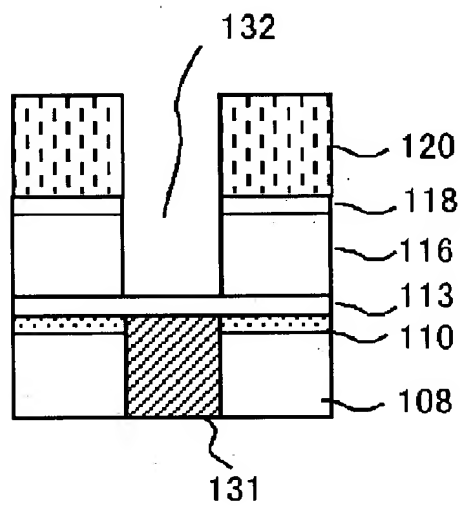
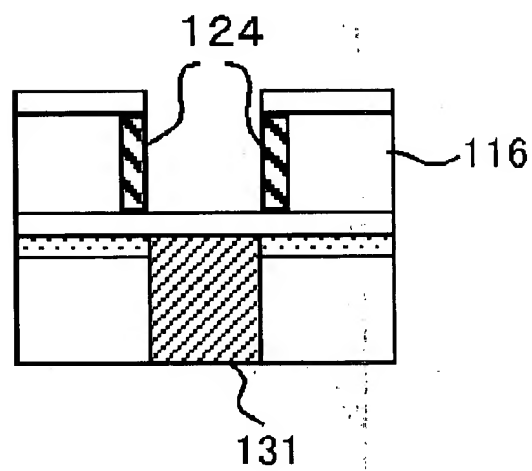


FIG. 11C



11/12
FIG. 12A

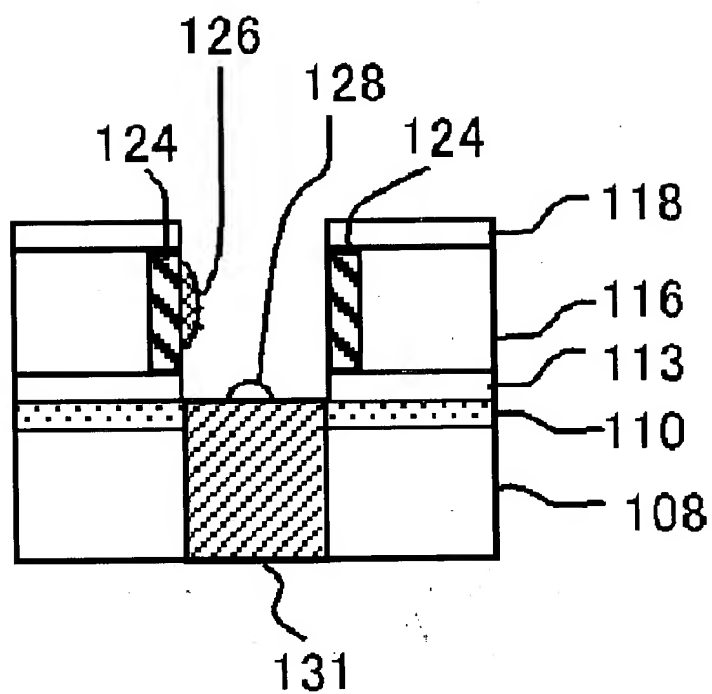
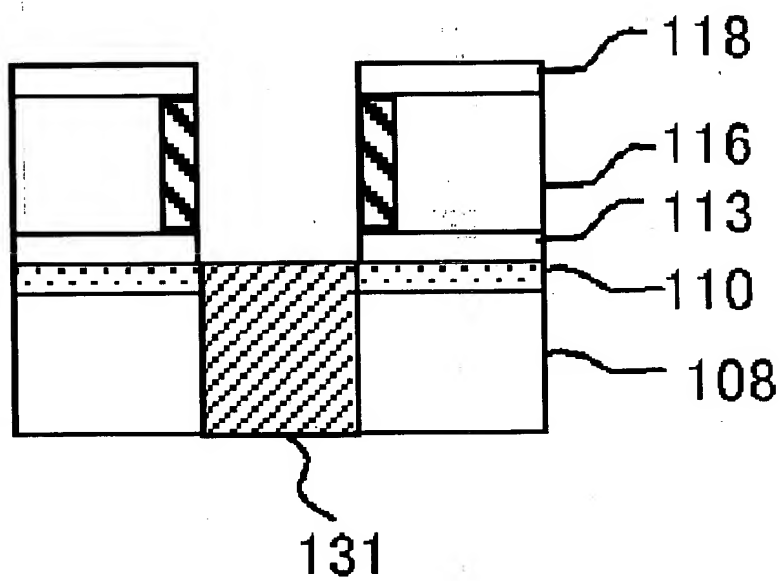
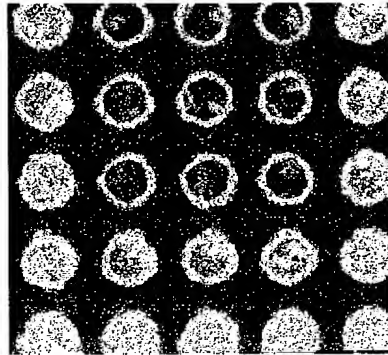


FIG. 12B

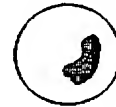


12/12
FIG. 13

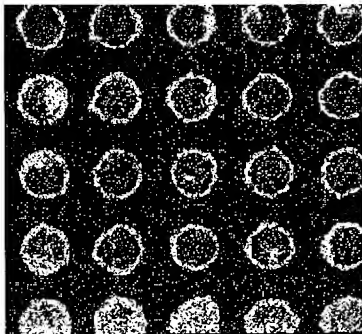
Before treatment



Remaining within the hole

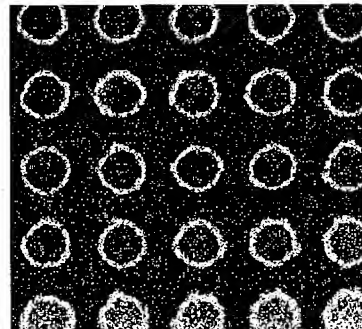


After treatment with Remover NO.4



Residues

After treatment with Remover NO.1



No residues